SIU Audit - Categorical New Form

Facility Name: _____

Location Address: _____

_____

District: _____

Subdistrict: _____

Inspector: _____

Date of Inspection: _____

Permit:

Primary Contact: _____

I A. General IU Information

Is the permit application in the file?	Yes [ ] No [ ]
Does the IU have an active IW permit? (Check the MF)	Yes [ ] No [ ]
Is the permit in the file?	Yes [ ] No [ ]
Permit effective date of last issuance:	_____
Permit issued within 180 days of expiration of prev permit?	Yes [ ] No [ ]

I B. Type of Permit

EPA Category	_____
Subparts	_____
PSES or PSNS (Choose all that apply)	
PSES [ ] PSNS [ ]	
Concentration Based Standards?	Yes [ ] No [ ]
Production Based Standards?	Yes [ ] No [ ]
Integrated?	Yes [ ] No [ ]
Non-integrated?	Yes [ ] No [ ]
Combined wastestream formula?	Yes [ ] No [ ]
Applicable SIC	_____
Applicable IC	_____

I C. Compliance Requirement Records Review

Was this IU inspected at least once per quarter?	Yes [ ] No [ ]

If No, why not? _____

Were any deficiencies identified in previous inspections? Yes [ ] No [ ]

Describe follow-up status on deficiencies _____

Were all chain-of-custody forms completed? Yes [ ] No [ ]

If not, explain and notify supervisor _____

The required sampling frequency is _____

Was POTW compliance sampling done as required? Yes [ ] No [ ]

If not, explain & notify supervisor _____

Was POTW sampling done for all regulated parameters? Yes [ ] No [ ]

Analysis done for all regulated parameters at least 1/yr? Yes [ ] No [ ]

If not, explain & notify your supervisor _____

Problems with this IU in last 12 months? Yes [ ] No [ ]

Have NOVs been issued for all violations? Yes [ ] No [ ]

If not, explain & notify supervisor _____

Have all NOVs received a response letter from the IU? Yes [ ] No [ ]

If not, explain further actions taken _____

Idenfify NOV(s) inadequately addressed by IU _____

Explain further actions taken _____

Discharge violations resulted in resample within 30 days? Yes [ ] No [ ]

If not, explain _____

II A. Operating Schedule and Processes Used

Shift 1 - Number of Employees _____

1. Working Hours Start Time: _____

1. Working Hours End Time: _____

1. Working Days: (Choose all that apply)

Sunday	[ ]	Thursday	[ ]
Monday	[ ]	Friday	[ ]
Tuesday	[ ]	Saturday	[ ]
Wednesday	[ ]		

1. Hours of IW Discharge Start Time: _____

1. Hours of IW Discharge End Time: _____

Shift 2 - Number of Employees _____

2. Working Hours Start Time: _____

2. Working Hours End Time: _____

2. Working Days: (Choose all that apply)

Sunday	[ ]	Thursday	[ ]
Monday	[ ]	Friday	[ ]
Tuesday	[ ]	Saturday	[ ]
Wednesday	[ ]		

2. Hours of IW Discharge Start Time: _____

2. Hours of IW Discharge End Time _____

Shift 3. Number of Employees _____

3. Working Hours Start Time: _____

3. Working Hours End Time: _____

3. Working Days: (Choose all that apply)

Sunday	[ ]	Thursday	[ ]
Monday	[ ]	Friday	[ ]
Tuesday	[ ]	Saturday	[ ]
Wednesday	[ ]		

3. Hours of IW Discharge Start Time: _____

3. Hours of IW Discharge End Time: _____

Scheduled shutdown dates: _____

II B. Production Information

Manufacturing processes used (general business type): _____

Is production subject to seasonal variations? Yes [ ] No [ ]

If yes, briefly explain and state months in operation: _____

Principal products produced _____

Production rate _____

Production level _____

Amount of raw materials used _____

Amount of finished product _____

III A. Water Usage

DWP 90% Average Flow (GDP): _____

Comments (DWP 90%): _____

Other Average Flow (GDP): _____

Comments (Other): _____

III B. Wastewater Generation

Describe wastewater generating process #1:

Process #1: Average Flow (GPD): _____

Process #1: Batch or Continuous? (Choose One)
Batch [ ] Continuous [ ]

Process #1: Batch Frequency:

Process #1: Measured or Estimated? (Choose One)
Measured [ ] Estimated [ ]

Process #1: Treated? Yes [ ] No [ ]

Process #1: Regulated Pollutants:

Process #1: Dilution Source:

Describe wastewater generating process #2

Process #2: Average Flow (GPD) _____

Process #2: Batch or Continuous? (Choose One)
Batch [ ] Continuous [ ]

Process #2: Batch Frequency

Process #2: Measured or Estimated? (Choose One)
Measured [ ] Estimated [ ]

Process #2: Treated? Yes [ ] No [ ]

Process #2: Regulated Pollutants

Process #2: Dilution Source

Describe wastewater generating process #3

Process #3: Average Flow (GPD) _____

Process $3: Batch or Continuous? (Choose One)
Batch [ ] Continuous [ ]

Process #3: Batch Frequency

Process #3: Measured or Estimated? (Choose One)
Measured [ ] Estimated [ ]

Process #3: Treated? Yes [ ] No [ ]

Process #3: Regulated Pollutants

Process #3: Dilution Source

Wastewater from contact cooling water? Yes [ ] No [ ]

Contact cooling water: Average Flow (GPD) _____

Contact cooling water: Batch or Continuous? (Choose One)
Batch [ ] Continuous [ ]

Contact cooling water: Batch Frequency:

Contact cooling water: Measured or Estimated? (Choose One)
Measured [ ] Estimated [ ]

Contact cooling water: Treated? Yes [ ] No [ ]

Contact cooling water: Regulated Pollutants

Contact cooling water: Dilution Source

TOTAL PRODUCTION DAY PROCESS FLOW (GPD) _____

Wastewater loss due to boiler blowdown / makeup? Yes [ ] No [ ]

Boiler blowdown / makeup: Average Flow (GPD) _____

Boiler blowdown / makeup: Batch or Continuous? (Choose One)
Batch [ ] Continuous [ ]

Boiler blowdown / makeup: Batch Frequency:

Boiler blowdown / makeup: Measured or Estimated? (Choose One)
Measured [ ] Estimated [ ]

Boiler blowdown / makeup: Treated? Yes [ ] No [ ]

Boiler blowdown / makeup: Regulated Pollutants

Boiler blowdown / makeup: Dilution Source

Wastewater loss due to evaporation? Yes [ ] No [ ]

Evaporation: Average Flow (GPD)

Evaporation: Batch or Continuous? (Choose One)
Batch [ ] Continuous [ ]

Evaporation: Batch Frequency

Evaporation: Meaured or Estimated? (Choose One)
Measured [ ] Estimated [ ]

Evaporation: Treated? Yes [ ] No [ ]

Evaporation: Regulated Pollutants

Evaporation: Dilution Source

Wastewater from non-contact cooling water? Yes [ ] No [ ]

Non-contact Cooling Water: Average Flow (GPD)

Non-contact Cooling Water: Batch or Continuous? (Choose One)
Batch [ ] Continuous [ ]

Non-contact Cooling Water: Batch Frequency

Non-contact Cooling Water: Measured or Estimated? (Choose One)
Measured [ ] Estimated [ ]

Non-contact Cooling Water: Treated? Yes [ ] No [ ]

Non-contact Cooling Water: Regulated Pollutants

Non-contact Cooling Water: Dilution Source

Wastewater loss due to irrigation? Yes [ ] No [ ]

Irrigation: Average Flow (GPD) _____

Irrigation: Batch or Continuous? (Choose One)
Batch [ ] Continuous [ ]

Irrigation: Batch Frequency

Irrigation: Measured or Estimated? (Choose One)
Measured [ ] Estimated [ ]

Irrigation: Treated? Yes [ ] No [ ]

Irrigation: Regulated Pollutants

Irrigation: Dilution Source

Wastewater from sanitary system? Yes [ ] No [ ]

Sanitary: Average Flow (GPD) _____

Sanitary: Batch or Continuous? (Choose One)
Batch [ ] Continuous [ ]

Sanitary: Batch Frequency

Sanitary: Measured or Estimated? (Choose One)
Measured [ ] Estimated [ ]

Sanitary: Treated? Yes [ ] No [ ]

Sanitary: Regulated Pollutants

Sanitary: Dilution Source

Wastewater loss in product? Yes [ ] No [ ]

In Product: Average Flow (GPD) _____

In Product: Batch or Continuous? (Choose One)
Batch [ ] Continuous [ ]

In Product: Batch Frequency

_____

_____

In Product: Measured or Estimated? (Choose One)
Measured [ ] Estimated [ ]

In Production: Treated? Yes [ ] No [ ]

In Product: Regulated Pollutants

_____

_____

In Product: Dilution Source

_____

_____

Other source of wastewater generation/loss? Yes [ ] No [ ]

Other: Average Flow (GPD) _____

Other: Batch or Continuous? (Choose One)
Batch [ ] Continuous [ ]

Other: Batch Frequency

_____

_____

Other: Measured or Estimated? (Choose One)
Measured [ ] Estimated [ ]

Other: Treated? Yes [ ] No [ ]

Other: Regulated Pollutants

_____

_____

Other: Dilution Source

_____

_____

TOTAL GPD _____

IV. Relevant Environmental Permits

NPDES Permit Type _____

NPDES Permit Number _____

LAFD Permit Type _____

LAFD Permit Number _____

LA County DHS Permit Type _____

LA County DHS Permit Number _____

AQMD Permit Type _____

AQMD Permit Number _____

Other - Permit Type _____

Other Permit Number _____

EPA Hazardous Waste Generator's Number _____

V. Process Activities

Aluminum Forming 40 CFR 467 (Choose all that apply)

N/A	[ ]	Drawing With Emulsion or Soaps	[ ]
Rolling With Neat Oils	[ ]	Drawing with Neat Oils	[ ]
Rolling With Emulsions	[ ]	Forging	[ ]
Extrusion	[ ]		

Battery Manufacturing 40 CFR 461 (Choose all that apply)

N/A	[ ]	Leclanche Type	[ ]
Cadmium Anode	[ ]	Lithium Anode	[ ]
Calcium Anode	[ ]	Magnesium Anode	[ ]
Lead Anode	[ ]	Zinc Anode	[ ]

Coil Coating 40 CFR 465 (Choose all that apply)

N/A	[ ]	Coating of Aluminum Basis Material	[ ]
Coating of Steel Basis Material	[ ]	Manufacturing of Seamless Can Bodies	[ ]
Coating of Galvanized Basis Material	[ ]		

Copper Forming 40 CFR 468 (Choose all that apply)

N/A	[ ]	Beryllium Copper Alloys	[ ]
Copper and Copper Alloys	[ ]		

Electrical and Electronic Components 40 CFR 469 (Choose all that apply)

N/A	[ ]	Electronic Crystal	[ ]
Semiconductors	[ ]	Cathode Ray Tubes	[ ]

Electroplating 40 CFR 413 (Choose all that apply)

N/A	[ ]	Electroless Plating	[ ]
Alkaline Cleaning	[ ]	Hot Coating	[ ]
Anodizing	[ ]	Immersion Plating	[ ]
Chemical Milling or Etching	[ ]	Phosphating	[ ]
Chromating	[ ]	Percious Metals Plating	[ ]
Cold Forming	[ ]	Printed Circuit Board	[ ]
Common Metals Plating	[ ]		

Iron and Steel 40 CFR 420 (Choose all that apply)

N/A	[ ]	Ironmaking	[ ]
Acid Pickling	[ ]	Salt Bath Descaling	[ ]
By-Product and Beehive Cokemakinh	[ ]	Sintering	[ ]
Continuous Casting	[ ]	Steelmaking	[ ]
Hot Forming	[ ]	Vacuum Degassing	[ ]

Inorganic Chemicals Manufacturing 40 CFR 415 (Choose all that apply)

N/A	[ ]	Iodine	[ ]

Aluminum Chloride	[ ]	Lead Monoxide	[ ]
Aluminum Fluoride	[ ]	Lithium Carbonate	[ ]
Aluminum Sulfate	[ ]	Nickels Salts	[ ]
Ammonium Chloride	[ ]	Nitrogen	[ ]
Borax	[ ]	Oxygen	[ ]
Boric Acid	[ ]	Potassium Chloride	[ ]
Bromine	[ ]	Potassium Dichromate	[ ]
Cadmium Pigments/Salts	[ ]	Potassium Hydroxide	[ ]
Calcium Carbide	[ ]	Potassium Iodide	[ ]
Calcium Carbonate	[ ]	Potassium Metal	[ ]
Calcium Chloride	[ ]	Potassium Sulfate	[ ]
Calcium Hydroxide	[ ]	Silver Nitrate	[ ]
Calcium Oxide	[ ]	Sodium Bisulfite	[ ]
Carbon Monoxide	[ ]	Sodium Sulfite	[ ]
Chlorine	[ ]	Sodium Bicarbonate	[ ]
Chrome Pigments	[ ]	Sodium Chlorate	[ ]
Chromic Acid	[ ]	Sodium Chloride	[ ]
Cobalt Salts	[ ]	Sodium Dichromate	[ ]
Copper Salts	[ ]	Sodium Metal	[ ]
Ferric Chloride	[ ]	Sodium Sulfate	[ ]
Fluorine	[ ]	Stannic Oxide	[ ]
Hydrofluoric Acid	[ ]	Titanium Dioxide	[ ]
Hydrogen By-Product	[ ]	Zinc Chloride	[ ]
Hydrogen Peroxide	[ ]	Zinc Sulfate	[ ]
Hydrogen	[ ]		

Leather Tanning and Finishing 40 CFR 425 (Choose all that apply)

N/A	[ ]	Retan-Wet Finish-Side	[ ]
Hair Pulp, Chrome Tan, Retan-Wet Finish	[ ]	Retan-Wet Finish-Splits	[ ]
Hair Save, Chrome Tan, Retan-Wet Finish	[ ]	Shearling	[ ]
No Beamhouse	[ ]	Through-The-Blue	[ ]
Pigskin	[ ]		

Nonferrous Metals Forming 40 CFR 471 (Choose all that apply)

N/A	[ ]	Refractory Metals	[ ]
Lead-Tin-Bismuth	[ ]	Titanium	[ ]
Magnesium	[ ]	Uranium	[ ]
Metals Powders	[ ]	Zinc	[ ]
Nickel-Cobalt	[ ]	Zicronium/Hafnium	[ ]
Precious Metals	[ ]		

Metal Finishing 40 CFR 433 (Choose all that apply)

N/A	[ ]	Mechanical Plating	[ ]
Anodizing	[ ]	Metal Coloring	[ ]
Assembly	[ ]	Paint Stripping	[ ]
Brazing	[ ]	Painting	[ ]
Burnishing	[ ]	Painting: Electropainting	[ ]
Calibration	[ ]	Painting: Electrostatic	[ ]
Chemical Milling/Etching	[ ]	Passivation	[ ]
Chromating	[ ]	Phosphating	[ ]
Cleaning	[ ]	Polishing	[ ]
Electroless Plating	[ ]	Pressure Deformation	[ ]
Electroplating	[ ]	Printed Circuit Boards	[ ]
Flame Spraying	[ ]	Salt Bath Descaling	[ ]
Grinding	[ ]	Sand Blasting	[ ]
Heat Treating	[ ]	Shearing	[ ]
Hot Dip Coating	[ ]	Sintering	[ ]

Immersion Plating	[ ]	Soldering	[ ]
Impact Deformation	[ ]	Solvent Degreasing	[ ]
Laminating	[ ]	Sputtering	[ ]
Machining	[ ]	Testing	[ ]
Machining: Electric Discharge	[ ]	Thermal Cutting	[ ]
Machining: Electron Beam	[ ]	Thermal Infusion	[ ]
Machining: Laser Beam	[ ]	Tumbling	[ ]
Machining: Plasma Arc	[ ]	Vacuum Metalizing	[ ]
Machining: Ultrasonic	[ ]	Vapor Plating	[ ]
Machining: Other Abrasive Jet	[ ]	Welding	[ ]

Nonferrous Metals Manufacturing 40 CFR 421 (Choose all that apply)

N/A	[ ]	Mercury, Secondary	[ ]
Aluminum Smelting, Primary	[ ]	Metallurgical Acid Plants	[ ]
Aluminum Smelting, Secondary	[ ]	Molybdenum & Rhenium, Primary	[ ]
Antimony, Primary	[ ]	Nickel & Cobalt, Primary	[ ]
Bauxite Refining	[ ]	Precious Metals & Mercury, Primary	[ ]
Beryllium, Primary	[ ]	Precious Metals, Secondary	[ ]
Columbian-Tantalum, Primary	[ ]	Recovery, Processing & Remelting Copper	[ ]
Copper Smelting, Primary	[ ]	Silver, Secondary	[ ]
Electrolytic Copper Refining, Primary	[ ]	Tantalum, Secondary	[ ]
Gallium, Primary	[ ]	Tin, Secondary	[ ]
Gallium, Secondary	[ ]	Titanium, Primary	[ ]
Germanium, Primary	[ ]	Titanium, Secondary	[ ]
Germanium, Secondary	[ ]	Tungsten, Primary	[ ]
Hafnium, Primary	[ ]	Tungsten, Secondary	[ ]
Indium, Secondary	[ ]	Uranium, Secondary	[ ]
Lead Refining and Smelting	[ ]	Zinc, Primary	[ ]
Lead, Secondary	[ ]	Zirconium, Primary	[ ]

Organic Chemicals, Plastic, and Synthetic Fibers 40 CFR 414 (Choose all that apply)

N/A	[ ]	Rayon Fibers	[ ]
Commodity Organic Chemicals	[ ]	Thermoplastic Resins	[ ]
Other Fibers	[ ]	Thermosetting Resins	[ ]

Petroleum Refining 40 CFR 419 (Choose all that apply)

N/A	[ ]	Produce Petroleum Products	[ ]
Topping and Catalytic Reforming	[ ]	Lube Oil Manufacturing	[ ]
Topping and Cracking	[ ]		

Pharmaceutical Manufacturing 40 CFR 439 (Choose all that apply)

N/A	[ ]	Chemical Synthesis Products	[ ]
Fermentation Products	[ ]	Mixing, Compounding and Formulation of Products	[ ]
Extraction Products	[ ]		

Plastics Molding and Forming 40 CFR 463 (Choose all that apply)

N/A	[ ]	Finishing	[ ]
Calendaring	[ ]	Foaming	[ ]
Cleaning	[ ]	Laminating	[ ]
Coating	[ ]	Molding	[ ]
Extrusion	[ ]	Thermoforming	[ ]

Porcelain Enameling 40 CFR 466 (Choose all that apply)

N/A	[ ]	Enameling of Cast Iron	[ ]
Enameling of Steel	[ ]	Enameling of Copper	[ ]

Pulp, Paper & Paperboard Production 430 (Choose all that apply)

N/A	[ ]	Pulp and Fine Paper at Groundwood Mills	[ ]

Builder's Paper/Roofing Felt from Wasterpaper	[ ]	Pulp & Paper at Combined Unbleached Kraft & Semi-Chem. Mills	[ ]
Dissolving Pulp at Kraft Mills	[ ]	Pulp and Paper at Deink Mills	[ ]
Filter/Non-woven Paper at Non-integrated Mills	[ ]	Pulp & Paper at Grndwd Chem-Mech. Mills thru Thermo-Mech Prc	[ ]
Finepaper at Non-integrated Mills	[ ]	Pulp & Paper at Papergrade Sulfite Mills	[ ]
Lightweight Paper at Non-integrated Mills	[ ]	Pulp & Paper at Papergrade Sulfite Mills(Drum Washed)	[ ]
Market Pulp	[ ]	Pulp and Paper at Soda Mills	[ ]
Molded Products from Wastepaper at Secondary Fiber Mills	[ ]	Pulp at Dissolving Sulfite Mills	[ ]
Paper Board at Non-integrated Mills	[ ]	Semi-Chemical Mill	[ ]
Paperboard From Wastepaper	[ ]	Tissue Paper at Non-Integraded Mills	[ ]
Paperbrd, Coarsepaper, & Tissue Paper at Blched Kraft Mills	[ ]	Tissue Paper fr Wastepaper w/o Deinking @ Secndry Fiber Mill	[ ]
Pulp and Course Paper, Molded	[ ]	Unbleached Draft Mill	[ ]
Pulp and Fine Paper at Bleached Kraft Mills	[ ]	Unbleached Draft-Neutral Sulfite Semichemical Mill	[ ]

Steam Electric Power Generation 40 CFR 423 (Choose all that apply)

N/A	[ ]	Steam Electric Power Generation	[ ]

Textile Mills 40 CFR 410 (Choose all that apply)

N/A	[ ]	Stock and Yarn Finishing	[ ]
Carpet Finishing	[ ]	Wool Finishing	[ ]
Felted Fabric	[ ]	Wool Scouring	[ ]
Non-woven Manufacturing	[ ]	Woven Fabric Finishing	[ ]

Timber Products Processing 40 CFR 429 (Choose all that apply)

N/A	[ ]	Plywood Production	[ ]
Barking of Logs	[ ]	Sawmill & Planning Mill	[ ]
Hardboard Production	[ ]	Storage of Unprocessed Wood	[ ]
Insulation Board	[ ]	Veneer Manufacturing	[ ]
Log Washing	[ ]	Wood Furniture & Fixture	[ ]
Particleboard	[ ]	Wood Preserving	[ ]

VI PROCESS AREA EVALUATION A. Plans and Diagrams

Facility Site Plan on file?	Yes [ ] No [ ]
Facility Floor Plan on file?	Yes [ ] No [ ]
Process Unit Diagram on file?	Yes [ ] No [ ]
Pretreatment Plan on file?	Yes [ ] No [ ]
Tank Schedule on file?	Yes [ ] No [ ]

VI B. Process Unit Diagram Verification

Diagram shows ind. waste stream flow to discharge point?	Yes [ ] No [ ]
Diagram show labeling of all process tanks including volume?	Yes [ ] No [ ]
Diagram shows any monitoring equipment installed?	Yes [ ] No [ ]
Diagram shows any open trenches?	Yes [ ] No [ ]

Diagram shows any chemical storage areas? Yes [ ] No [ ]

Diagram shows pretreatment system? Yes [ ] No [ ]

Diagram shows spill contained area? Yes [ ] No [ ]

Is process unit diagram complete and up to date? Yes [ ] No [ ]

If incomplete, IU must submit completed drawing by: _____

VI C. Process Area Inspection

Are all plating tanks within a spill-containment area? Yes [ ] No [ ]

Composition of berms: _____

Do berms appear watertight? Yes [ ] No [ ]

Are incompatible chemicals properly separated? Yes [ ] No [ ]

If not, explain _____

Are all process tanks clearly labeled? Yes [ ] No [ ]

Are all flows from the process area hard-piped? Yes [ ] No [ ]

If no, does IU have a written SOP abt use of flexible hoses? Yes [ ] No [ ]

Are all pipes free from leaks? Yes [ ] No [ ]

Are rinses turned off during non-processing times? Yes [ ] No [ ]

If not, explain: _____

Is single-pass rinse water used? Yes [ ] No [ ]

Are any water conservation devices used? Yes [ ] No [ ]

If so, what type? _____

Is area under raised floor visible for inspection? Yes [ ] No [ ]

Any waste liquids/sludge accumulated in containment areas? Yes [ ] No [ ]

Are any of the shop area floors outside the bermed area wet? Yes [ ] No [ ]

Does the process area seem to be adequately vented? Yes [ ] No [ ]

Have any tanks been added or removed since last visit? Yes [ ] No [ ]

Has the flow diagram been updated to show current flow? Yes [ ] No [ ]

VII. Nature of Pollutants in Wastewater Discharge

1. Metals and Inorganics (Choose all that apply)

N/A	[ ]	Lead	[ ]
Antimony	[ ]	Manganese	[ ]
Arsenic	[ ]	Mercury	[ ]
Asbestos	[ ]	Molybdenum	[ ]
Beryllium	[ ]	Nickel	[ ]
Cadmium	[ ]	Selenium	[ ]

Chromium	[ ]	Silver	[ ]
Copper	[ ]	Thallium	[ ]
Cyanide	[ ]	Zinc	[ ]
Iron	[ ]		

2. Phenols and Cresols (Choose all that apply)

N/A	[ ]	Phenol, 2-nitro	[ ]
Phenol(s)	[ ]	Phenol, 4-nitro	[ ]
Phenol, 2-chloro	[ ]	Phenol, 2,4-dinitro	[ ]
Phenol, 2,4-dichloro	[ ]	Phenol,2,4-dimethyl	[ ]
Phenol, 1,4-dichloro	[ ]	'm-Cresol,p-chloro	[ ]
Phenol, pentachloro	[ ]	o-Cresol,4,6-dinitro	[ ]

3. Monocyclic Aromatics (Choose all that apply)

N/A	[ ]	Benezene, hexachloro	[ ]
Benzene	[ ]	Benezene, ethyl	[ ]
Benzene, Chloro	[ ]	Benezene, nitro	[ ]
Benzene, 1,2-dichloro	[ ]	Toluene	[ ]
Benzene, 1,4-dichloro	[ ]	Toluene, 2,4-dinitro	[ ]
Benzene, 1,2,4-trichloro	[ ]	Toluene, 2,6-dinitro	[ ]

4. PCB's and Related Compounds (Choose all that apply)

N/A	[ ]	PCB-1248	[ ]
PCB-1016	[ ]	PCB-1254	[ ]
PCB-1221	[ ]	PCB-1260	[ ]
PCB-1232	[ ]	2-Chloronaphthalene	[ ]
PCB-1242	[ ]		

5. Ethers (Choose all that apply)

N/A	[ ]	Ether, 2-chloroethyl vinyl	[ ]
Ether, bis(chloromethyl)	[ ]	Ether, 4-bromophenyl	[ ]
Ether, bis(2-chloroethyl)	[ ]	Ether, 4-chlorophenyl	[ ]
Ether, bis(2-chloroisopropyl)	[ ]	Ether, bis(2-chloroethoxy) methane	[ ]

6. Nitrosamines and Other Nitrogen-Containing Compounds (Choose all that apply)

N/A	[ ]	Benzidine	[ ]
Nitrosamine, dimethyl	[ ]	Benzidine, 3,3-dichloro	[ ]
Nitrosamine, diphenyl	[ ]	Hydrazide, 1,2-diphenyl	[ ]
Nitrosamine, di-n-propyl	[ ]	Acrylonitrile	[ ]

7. Halogenated Aliphatics (Choose all that apply)

N/A	[ ]	Ethane, 1,1,1-trichloro	[ ]
Methane, bromo	[ ]	Ethane, 1,1,2-trichloro	[ ]
Methane, chloro	[ ]	Ethane, 1,1,2,1-tetrachloro	[ ]
Methane, dichloro	[ ]	Ethane, chloro	[ ]
Methane, chlorodibromo	[ ]	Ethene, chloro	[ ]
Methane, dichlorobromo	[ ]	Ethene, 1,1-dichloro	[ ]
Methane, tribromo	[ ]	Ethene, trans-dichloro	[ ]
Methane, trichloro	[ ]	Ethene, trichloro	[ ]
Methane, tetrachloro	[ ]	Ethene, tetrachloro	[ ]
Methane, trichlorofluoro	[ ]	Propane, 1,2-dichloro	[ ]
Methane, dichlorodifluoro	[ ]	Propane, 1,3-dichloro	[ ]
Ethane, 1,1-dichloro	[ ]	Butadiene, hexachloro	[ ]
Ethane, 1,2-dichloro	[ ]	Cyclopentadiene, hexachloro	[ ]

8. Phthalate Esters (Choose all that apply)

N/A	[ ]	Phthalate, di-n-octyl	[ ]
Phthalate, di-c-methyl	[ ]	Phthalate, bis(2-ethylhexyl)	[ ]
Phthalate, di-n-ethyl	[ ]	Phthalate, butyl benzyl	[ ]

Phthalate, di-n-butyl	[ ]		

9. Polycyclic Aromatic Hydrocarbons (Choose all that apply)

N/A	[ ]	Chrysene	[ ]
Acenaphthene	[ ]	Dibenzo(a,h) anthracene	[ ]
Acenaphthylene	[ ]	Fluoranthene	[ ]
Anthracene	[ ]	Fluorene	[ ]
Benzo(a)anthracene	[ ]	Indeno (1,2,3-cd) pyrene	[ ]
Benzo(b)fluoranthene	[ ]	Naphthalene	[ ]
Benzo(k)fluoranthene	[ ]	Phenanthrene	[ ]
Benzo(ghi)perylene	[ ]	Pyrene	[ ]
Benzo(a)pyrene	[ ]		

10. Pesticides (Choose all that apply)

N/A	[ ]	Dieldrin	[ ]
Acrolein	[ ]	Endosulfan (Alpha)	[ ]
Aldrin	[ ]	Endosulfan (Beta)	[ ]
BHC (Alpha)	[ ]	Endosulfan Sulfate	[ ]
BHC (Beta)	[ ]	Endrin	[ ]
BHC (Gamma) Lindane	[ ]	Endrin Aldehyde	[ ]
BHC (Delta)	[ ]	Heptachlor	[ ]
Chlordane	[ ]	Heptachor epoxide	[ ]
4,4-DDD(p,p-TDE)	[ ]	Isophorone	[ ]
4,4-DDE(p,p-DDX)	[ ]	TCDD (or Dioxin)	[ ]
4,4-DDT	[ ]	Toxaphene	[ ]

VIII A. Pretreatment Systems

1. Is any treatment unit out of service? Yes [ ] No [ ]

2. Is pretreatment diagram current and complete? Yes [ ] No [ ]

3. Unauthorized discharge points or bypass in service? Yes [ ] No [ ]

If yes, describe _____

4. Adequate system in place to correct a problem? Yes [ ] No [ ]

Describe: _____

5. PTS Actual Flow (gpd): _____

Treatment - Batch or Continuous? (Choose One)

Batch	[ ]	Continuous	[ ]

6. Capacity of pretreatment system _____

7. GPM of continuous system _____

8. Total capacity of batch system _____

9. Frequency of discharge _____

10. Reagents used: _____

11. Reagent supply on hand: _____

12. Discharge - Batch or Continuous? (Choose One)

Batch	[ ]	Continuous	[ ]

13. Effluent filtration media (i.e. sand, cloth bag, etc.) _____

14. Operation Schedule: (Hour/day) and (Day/week) _____

15. Description of overall condition _____

16. Sludge dewatering method _____

17. Amount of sludge generated _____

18. Sludge disposal method _____

19. Last date hazardous waste removed _____

20. Any hazardous waste discharged to POTW? Yes [ ] No [ ]

21. Are waste manifests completed accurately? Yes [ ] No [ ]

22. How often are spent/unusable plating solutions replaced? _____

23. How are spent/unusable plating solutions disposed? _____

VIII B. 1. Pretreatment Unit Inspections - pH

1. a) Is pH meter/recorder installed? Yes [ ] No [ ]

In SSF? Yes [ ] No [ ]

At last point before mixing with domestic waste? Yes [ ] No [ ]

Directly after pretreatment, prior to non-reg. flow? Yes [ ] No [ ]

Installed at property line? Yes [ ] No [ ]

b) Last date pH probes calibrated: _____

Calibrated by whom: _____

c) Frequency of pH probe calibration: _____

d) Are calibrations being recorded in treatment log? Yes [ ] No [ ]

e) Check pH charts. Any violations? Yes [ ] No [ ]

If yes, date: _____

duration: _____

suspected violation type: (Choose One)

Acid [ ] Alkaline [ ]

f) Is pH chart paper checked/initialed by operator daily? Yes [ ] No [ ]

g) Is an adequate supply of acid/caustic on-site for pH? Yes [ ] No [ ]

h) Is meter ever turned off? Yes [ ] No [ ]

If yes, explain _____

VIII B. 2. Pretreatment Unit Inspections - Clarifiers

a) Has sludge built up in clarifier? Yes [ ] No [ ]

If yes, comment on how deep, how many compart., etc. _____

b) Any visible floatable in the last stages of clarifier? Yes [ ] No [ ]

c) Last date clarifier cleaned out: _____

Manifest on site? Yes [ ] No [ ]

d) Does observed flow through clarifier seem reasonable? Yes [ ] No [ ]

VIII B. 3. Pretreatment Unit Inspections - Cyanide Destruction

For CFR 433, cyanide bearing waste flow (gpd): _____

a) Cyanide oxidation ORP reading _____

b) Cyanide oxidation pH meter reading _____

c) Adequate caustic supplies on site? Yes [ ] No [ ]

Indicate type and amount: _____

d) SP accessible immed. after cyanide destruction? Yes [ ] No [ ]

VIII B. 4. Pretreatment Unit Inspections - Chrome

a) Chrome reduction ORP reading: _____

b) Chrome reduction pH reading: _____

c) Adequate acid supplies on site? Yes [ ] No [ ]

d) Adequate metabisulfite supply on site? Yes [ ] No [ ]

e) Other reducing agents used: _____

f) Chrome-bearing waste flow (gpd): _____

VIII B. 5. Pretreatment Unit Inspections - Maintenance

a) Are pumps and mixers operating well? Yes [ ] No [ ]

b) Are back-up pumps and mixers available? Yes [ ] No [ ]

c) Is the logbook for maintenance kept current? Yes [ ] No [ ]

IX A. Hazardous Materials

1. Are hazardous materials stored in secured areas? Yes [ ] No [ ]

2. Are they accessed by way of a locked door or gate? Yes [ ] No [ ]

3. Are tanks/drums labeled with content? Yes [ ] No [ ]

4. Is spill containment adequate? Yes [ ] No [ ]

5. Is storage area roofed to exclude rainwater? Yes [ ] No [ ]

6. Does facility have Material Safety Data Sheets? Yes [ ] No [ ]

7. Is the MSDS file readily available to employees? Yes [ ] No [ ]

IX B. Waste Storage and Disposal

1. Disposal by means other than discharge to sewer system? Yes [ ] No [ ]
2. Is there discharge to the Storm Drain (SD)? Yes [ ] No [ ]
   a) Does company have permit for discharge to Storm Drain? Yes [ ] No [ ]
   b) Is there a Rain Diversion Valve (RDV)? Yes [ ] No [ ]
   c) Does RDV work properly? Yes [ ] No [ ]
3. Which of the following does the company practice? (Choose all that apply)

On-site storage	[ ]	Off-site recycling	[ ]
Off-site storage	[ ]	On-site recycling	[ ]
Off-site disposal	[ ]	Sold for recovery	[ ]

4. Does facility receive waste from off-site? Yes [ ] No [ ]
   If yes, does facility have proper TSDF permits? Yes [ ] No [ ]
5. Is any waste stored for longer than 90 days? Yes [ ] No [ ]
6. Is 90-day storage of wastes in a secured area? Yes [ ] No [ ]
   Accessed by locked door or gate? Yes [ ] No [ ]
7. Is spill containment adequate? Yes [ ] No [ ]
8. Are incompatibles separate? Yes [ ] No [ ]
9. Is storage area roofed to exclude rainwater? Yes [ ] No [ ]
10. Are containers in good condition? Yes [ ] No [ ]
11. Are containers compatible with wastes? Yes [ ] No [ ]
12. Are containers kept closed during storage? Yes [ ] No [ ]
13. a) Container labels include words HAZARDOUS WASTE Yes [ ] No [ ]
    b) Labels include comp. and phys. state of waste? Yes [ ] No [ ]
    d) Labels call attention to haz properties of waste? Yes [ ] No [ ]
    e) Labels incl. name/address of haz waste generator? Yes [ ] No [ ]
    f) Labels include accumulation start date? Yes [ ] No [ ]

IX C. Storm Water Storage and Disposal

1. Is storm water run-off collected? Yes [ ] No [ ]
2. If so, storage tank/contnr.dedicated for strm water only? Yes [ ] No [ ]
   If not, what percentage is storm water: _____
   What is the volume of the storage tank (gallon)? _____
3. a) If storm water is stored, does IU keep a logbook? Yes [ ] No [ ]

b) Is discharge date and volume kept in logbook? Yes [ ] No [ ]

4. Does storm water go to the pretreatment system? Yes [ ] No [ ]

Is transfer from storage tank to PTS via hardpipe/hose? Yes [ ] No [ ]

5. Is storm water pretreated prior to disposal to the sewer? Yes [ ] No [ ]

Method(s) of pretreatment: _____

6. Is storm water connection after the pretreatment system? Yes [ ] No [ ]

X A. Sampling Point

Secured sampling facility (SSF) at pt of dischg to sewer? Yes [ ] No [ ]

Location and description of sampling points: _____

Is SSF adequate to contain monitoring equipment? Yes [ ] No [ ]

Is it secure? No possible tampering? Yes [ ] No [ ]

Sewer size, type and location: _____

X B. Flow Meter

Flow meter/recorder installed at pt of dischg to sewer? Yes [ ] No [ ]

If yes, what type, made and model: _____

Is it capable of flow proportioning? Yes [ ] No [ ]

Is the flow meter/recorder operating properly? Yes [ ] No [ ]

Date of last calibration: _____

Calibrated by: _____

Frequency of calibration: _____

Are calibrations recorded in logbook? Yes [ ] No [ ]

X C. Samples Taken

Any samples taken? Yes [ ] No [ ]

XI Pollution Prevention

Does the company have a Toxic Organic Management Plan? Yes [ ] No [ ]

Current Res or approved TOMP on file _____

Does the IU have a formal Pollution Prevention Program? Yes [ ] No [ ]

If yes, describe _____

3. Does the IU use a rag cleaning service? Yes [ ] No [ ]

If yes, give name and address: _____

Indicate applicable process substitutions (Choose all that apply)

PS10-Water-based (not oil-based) coolants and inks	[ ]	PS50-Auto. sys. for more precise monitoring & trans. oper.	[ ]
PS20-Cooling towers without antifoulants	[ ]	PS60-Drag out reductions(i.e. air knives, drain. bds & tank)	[ ]
PS30-Sand blasting (not acid cleaning)	[ ]	PS70-High Pressure/ low volume systems	[ ]
PS40-Aluminum can washing w/o conversion coating	[ ]	PS80-Use of reusable instead of disposable filters/container	[ ]

Indicate applicable material substitutions (Choose all that apply)

MS10-Water-based (not halogenated) solvents	[ ]	MS70-Use of non-phosphate containing chemicals	[ ]
MS20-Detergents that do not contain zinc	[ ]	MS80-Use of trivalent instead of hexavalent chrome-plating	[ ]
MS30-Neutral washing agents (not acids and bases)	[ ]	MS90-Non-chelated process chemicals	[ ]
MS40-Replace acetone with ethylacetate	[ ]	MS100-Non-chlorophenolic biocides	[ ]
MS50-Replace cyanide with non-cyanide plating solution	[ ]	MS110-Alkaline (not solvent) degreasing	[ ]
MS60-Material purification (i.e. use of distilled water)	[ ]		

Indicate applicable product changes (Choose all that apply)

PC10 - Product substitution (convert to less toxic product)	[ ]	PC20 - Product reformulation (convert to less toxic compnts)	[ ]

Indicate applicable water conservation procedures (Choose all that apply)

WC10 - Over-tank rinsing	[ ]	WC60 - Reuse of treated effluent	[ ]
WC20 - Cascade rinsing	[ ]	WC70 - Flow restrictions on rinse tanks	[ ]
WC30 - Static rinsing	[ ]	WC80 - Use of spray rinsing	[ ]
WC40 - Recirculating cooling	[ ]	WC90 - Install aeration device on faucets	[ ]
WC50 - Chillers	[ ]	WC100 - Counter current rinsing	[ ]

Indicate applicable on-site reuse processes (Choose all that apply)

OSR10 - Metals removal from plating spents	[ ]	OSR60 - Reverse osmosis for heavy metals recovery	[ ]
OSR20 - Metals scrap reclaim	[ ]	OSR70 - Reuse of baghouse dusts	[ ]
OSR30 - Recycle pesticide rinsates into final product	[ ]	OSR80 - Solvent recycling	[ ]
OSR40 - Polystyrene recycling	[ ]	OSR90 - Other in process recycling	[ ]
OSR50 - Regeneration of forge and machining coolants	[ ]		

Indicate applicable off-site recycling/reclamation (Choose all that apply)

OSRR10 - Tramp oils	[ ]	OSRR60 - Electrowinning anodes	[ ]
OSRR20 - Machine shop coolant	[ ]	OSRR70 - Cellulose filter cake	[ ]
OSRR30 - Smelter-compatible scrap	[ ]	OSSR80 - Spent developer solutions to recover silver	[ ]
OSRR40 - Precipitate sludges	[ ]	OSSR90 - Inter-industry waste exchange	[ ]
OSRR50 - Filter cake recycle (recover precious metals)	[ ]		

Indicate installation of P2 equipment/systems (Choose all that apply)

IOP2E/S10 - Replaced copper coils	[ ]	IOP2E/S50 - Overflow control devices	[ ]
IOP2E/S20 - Replaced lead-lined tanks	[ ]	IOP2E/S60 - Closed loop systems	[ ]
IOP2E/S30 - Replaced metal piping	[ ]	IOP2E/S70 - Equipment Modernization	[ ]
IOP2E/S40 - Use of refrig freeboard on vap	[ ]	IOP2E/S80 - Flow Restriction/controls	[ ]

degreasing units

Indicate operating practices and management (Choose all that apply)

OPM10 - SB 14	[ ]	OPM50 - Other P2/Env. Management Programs	[ ]
OPM20 - ISO 14000	[ ]	OPM60 - Employee trainng	[ ]
OPM30 - EMS	[ ]	OPM70 - Housekeeping	[ ]
OPM40 - Toxic Organic Management Plan	[ ]	OPM80 - Segregation of wastestream to eliminate pollutants	[ ]

XII Inspector's Summary of Findings

Describe observations that require followup _____

Name of Person 1 present during inspectoin _____

Title of Person 1 _____

Affiliation of Person 1 _____

Name of Person 2 present during inspection _____

Title of Person 2 _____

Affiliation of Person 2 _____

Name of Person 3 present during inspection _____

Title of Person 3 _____

Affiliation of Person 3 _____

Name of Person 4 present during inspection _____

Title of Person 4 _____

Affiliation of Person 4 _____

Name of Person 5 present during inspection _____

Title of Person 5 _____

Affiliation of Person 5 _____

Industrial waste inspector _____

Date of inspection _____

Time of inspection _____

Senior industrial waste inspector _____

Date of review (Senior inspector) _____

Chief industrial waste inspector _____

Date of review (Chief inspector) _____

XIII Deficiencies Observed

Deficiency #1:

Resolve by (date): _____

Follow-up by: (Choose all that apply)
Field inspection [ ] Others [ ]
Phone calls [ ]

Was NOV issued? Yes [ ] No [ ]

Deficiency #1 resolved? Yes [ ] No [ ]

If not resolved, explain:

Deficiency #2:

Resolve by (date): _____

Follow-up by: (Choose all that apply)
Field inspection [ ] Others [ ]
Phone calls [ ]

Was NOV issued? Yes [ ] No [ ]

Deficiency #2 resolved? Yes [ ] No [ ]

If not resolved, explain:

Deficiency #3:

Resolve by (date): _____

Follow-up by: (Choose all that apply)
Field inspection [ ] Others [ ]
Phone calls [ ]

Was NOV issued? Yes [ ] No [ ]

Deficiency #3 resolved? Yes [ ] No [ ]

If not resolved, explain:

Deficiency #4:

Resolve by (date): _____

Follow-up by: (Choose all that apply)
Field inspection [ ] Others [ ]
Phone calls [ ]

Was NOV issued? Yes [ ] No [ ]

Deficiency #4 resolved? Yes [ ] No [ ]

If not resolved, explain:

Deficiency #5:

Resolve by (date): _____

Follow-up by: (Choose all that apply)
Field inspection [ ] Others [ ]
Phone calls [ ]

Was NOV issued? Yes [ ] No [ ]

Deficiency #5 resolved? Yes [ ] No [ ]

If not resolved, explain:

NARRATIVE